

NITRATE - COLORMETRIC EPA 352.1 1971					
Facility Name: _____ VELAP ID _____					
Assessor Name: _____ Analyst Name: _____ Inspection Date _____					
Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments
Records Examined: SOP Number/ Revision/ Date _____ Analyst: _____					
Sample ID: _____ Date of Sample Preparation: _____ Date of Analysis: _____					
Are samples preserved (if > 24hrs) with H <sub>2</sub> SO <sub>4</sub> or H <sub>3</sub> PO <sub>4</sub> and refrigeration?	3.0				
Are samples adjusted to pH ~ 7 with acetic acid or NaOH and filter is necessary?	7.0				
Is brucine-sulfanilic reagent stored in dark bottle at 5 C?	6.4				
Is KNO <sub>3</sub> stock standard preserved with 2 mL/L chloroform and prepared at least every 6 months?	6.5				
Are working standards prepared weekly?	6.6				
Is duplicate set of samples analyzed with all reagents except brucine-sulfanilic acid?	7.3				
Is 10 mL of samples, blanks, standards pipetted into each test tubes?	7.4				
Is 10 mL of H <sub>2</sub> SO <sub>4</sub> solution added to each tube and allowed to equilibrate in 0-10 C cold water bath?	7.6				
Is brucine-sulfanilic added (except controls) and tubes place in 100 C water bath for exactly 25 minutes?	7.7				
Are tubes placed in cold water bath and then allowed to equilibrate at 20-25 C?	7.8				
Is absorbance read at 410 nm?	7.9				
Is absorbance of control subtracted from sample?	8.2				
Notes/ Comments:					